In	dex	of C	Clair	ns

Application/Control No.	Applicant(s)/Patent under Reexamination
10/731,239	BOSTROM ET AL.
Examiner	Art Unit

√	Rejected
	Allowed

_	(Through numeral) Cancelled	
÷	Restricted	

N	Non-Elected
_	Interference

JOHN J. LEE

A	Appeal
0	Objected

2618

Claim     Date       Image: Specific								•							
1   —   51     2   —   52     3   —   53     4   =   54     5   5   55     6   =   55     7   =   56     57   8   =     9   =   58     59   60   61     11   =   60     11   =   62     13   =   63     14   —   64     15   —   65     16   =   66     17   =   66     17   =   68     19   =   69     20   =   70     21   =   72     23   =   73     24   =   75     26   =   76     27   =   77     28   =   78     29   —   79     30   =   78     33	Cla	aim				[	Date	e					Cla	aim	
2   —   52     3   —   53     4   =   55     5   =   55     5   =   55     5   =   55     5   =   57     8   =   59     10   =   60     11   =   62     13   =   63     14   —   64     15   —   65     16   =   66     17   =   66     17   =   68     69   70   71     21   =   72     23   =   75     26   =   75     26   =   75     26   =   75     28   =   75     28   =   77     30   =   78     29   —   79     30   =   80     31   =   82     33 <td>Final</td> <td>Original</td> <td>5/10/07</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Final</td> <td>Original</td> <td></td>	Final	Original	5/10/07										Final	Original	
2   —   52     3   —   53     4   =   55     5   =   55     5   =   55     5   =   55     5   =   57     8   =   59     10   =   60     11   =   62     13   =   63     14   —   64     15   —   65     16   =   66     17   =   66     17   =   68     69   70   71     21   =   72     23   =   75     26   =   75     26   =   75     26   =   75     28   =   75     28   =   77     30   =   78     29   —   79     30   =   80     31   =   82     33 <td></td> <td>1</td> <td>-</td> <td></td> <td></td> <td></td> <td>Г</td> <td></td> <td></td> <td></td> <td>П</td> <td></td> <td></td> <td>51</td> <td><math>\vdash</math></td>		1	-				Г				П			51	$\vdash$
3   —   53     4   =   54     5   =   55     6   =   55     7   =   57     8   =   58     9   =   60     11   =   60     11   =   62     13   =   63     14   —   65     15   —   65     16   =   66     17   =   67     18   =   68     19   =   68     19   =   69     20   =   70     21   =   72     23   =   72     23   =   73     24   =   72     28   =   76     27   =   77     28   =   78     30   =   80     31   =   82     33   84     34   84 <td></td> <td></td> <td>=</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>ı</td> <td></td> <td>52</td> <td>_</td>			=									ı		52	_
4   =   54     5   =   55     6   =   55     7   =   56     7   =   57     8   =   58     9   =   60     11   =   60     11   =   61     12   =   62     13   =   63     14   =   65     15   =   65     16   =   66     17   =   68     19   =   68     19   =   69     20   =   70     21   =   72     23   =   72     23   =   73     24   =   74     25   =   75     26   =   77     28   =   77     28   =   77     30   =   80     31   =   82     33 <td></td> <td></td> <td><b>-</b></td> <td></td> <td></td> <td></td> <td><math>\Box</math></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>53</td> <td></td>			<b>-</b>				$\Box$							53	
5   =   55     6   =   56     7   =   56     9   =   57     8   =   58     9   =   60     10   =   62     13   =   62     13   =   62     13   =   63     14   64   64     15   65   66     17   =   67     18   =   68     19   =   68     19   =   69     20   =   70     21   =   72     23   =   73     24   =   76     27   =   76     27   =   77     28   =   78     29   79   80     30   =   79     30   =   79     30   =   83     33   34   84     3			=									- 1			
7   =   57     8   =   58     9   =   60     11   =   62     12   =   62     13   =   63     14   =   63     15   =   65     16   =   66     17   =   66     19   =   68     19   =   69     20   =   70     21   =   72     23   =   73     24   =   73     24   =   73     25   =   75     26   =   75     26   =   76     27   =   78     29   -   78     30   =   80     31   =   82     33   83   84     35   85   85     36   86   87     37   88   89 <t< td=""><td></td><td></td><td>=</td><td></td><td>Π</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>55</td><td></td></t<>			=		Π									55	
8   =   58     9   =   59     10   =   60     11   =   62     13   =   62     13   =   63     14   =   64     15   =   65     16   =   66     17   =   67     18   =   68     19   =   69     20   =   70     21   =   72     23   =   73     24   =   74     25   =   75     26   =   76     27   =   77     28   =   78     29   79   80     31   =   81     32   33   83     34   84   84     35   36   85     36   87   88     39   89   99     40   90   90		6	=												
9 =   59     10 =   60     11 =   60     12 =   62     13 =   63     14 -   64     15 -   65     16 =   66     17 =   66     18 =   69     20 =   70     21 =   71     22 =   73     24 =   74     25 =   76     27 =   77     28 =   78     29 -   79     30 =   80     31 =   81     32     82     33     83     34     84     35     86     37     87     38     83     39     89     40     90     41     91     42     92     43     94     45     96     46     96     47     97     48     99		7	=	Г										57	
10 =   60     11 =   61     12 =   62     13 =   63     14 -   64     15 -   65     16 =   66     17 =   67     18 =   68     19 =   69     20 =   70     21 =   77     22 =   73     24 =   74     25 =   75     26 =   76     27 =   77     28 =   76     27 =   77     28 =   76     27 =   77     28 =   76     27 =   77     28 =   79     30 =   80     31 =   81     32   82     33   83     34   84     35   85     36   86     37   88     39   90     41   91     42   92     43   94			=									- [			
11   =   61     12   =   62     13   =   63     14   64   65     15   66   65     16   =   66     17   =   67     18   =   68     19   =   69     20   =   70     21   =   72     23   =   73     24   =   74     25   =   75     26   =   76     27   =   77     28   =   78     29   79   80     31   =   80     31   =   80     31   =   82     33   83   83     34   84   84     35   85   85     36   86   87     38   89   99     40   90   90     41   91   92		9	=												
12 =   62     13 =   63     14   65     15   65     16 =   66     17 =   66     18 =   68     19 =   69     20 =   70     21 =   71     22 =   72     23 =   73     24 =   74     25 =   76     27 =   77     28 =   78     29   79     30 =   80     31 =   81     32   83     33   83     34   84     35   85     36   86     37   88     39   89     40   90     41   91     42   92     43   94     45   96     47   97     48   99     49   99			=	_	$oxed{oxed}$									60	
13 =   63     14   64     15   65     16 =   66     17 =   68     19 =   69     20 =   70     21 =   71     22 =   72     23 =   73     24 =   74     25 =   75     26 =   76     27 =   77     28 =   78     29   79     30 =   80     31 =   81     32     83     33     84     35     85     36     86     37     88     39     89     40     90     41     91     42     92     43     94     45     96     47     97     48     99			=	_		L	L							61	
14   64     15   65     16   65     17   66     17   68     19   69     20   70     21   71     22   72     23   73     24   74     25   75     26   76     27   77     28   78     29   79     30   80     31   81     32   83     33   84     35   85     36   86     37   88     39   89     40   90     41   91     42   92     43   94     45   95     46   96     47   97     48   99			=		L	<u> </u>									
15   —   65     16   =   66     17   =   68     19   =   68     20   =   70     21   =   71     22   =   72     23   =   73     24   =   74     25   =   75     26   =   76     27   =   77     28   =   78     29   79   80     31   =   81     32   83   84     33   83   84     35   85   86     37   87   88     39   40   90     41   91   92     43   94     45   95     46   96     47   97     48   99		13	=		_	L			_					63	L
16 =   66     17 =   66     18 =   68     19 =   68     20 =   70     21 =   71     22 =   73     24 =   74     25 =   75     26 =   76     27 =   77     28 =   78     29   79     30 =   80     31 =   81     32   83     33 a   84     35 a   85     36 a   86     37 a   88     39 a   89     40 a   90     41 a   91     42 a   92     43 a   94     45 a   96     47 a   98     49 a   99			_	_	ᆫ	L					·				_
17 =   67     18 =   68     19 =   69     20 =   70     21 =   71     22 =   72     23 =   73     24 =   74     25 =   75     26 =   76     27 =   77     28 =   78     29 -   79     30 =   80     31 =   81     32     83     33     84     35     85     36     86     37     88     39     89     40     90     41     91     42     92     43     94     44     95     46     96     47     98     49     99				<u> </u>		_								65	L
18 =   68     19 =   69     20 =   70     21 =   71     22 =   72     23 =   73     24 =   74     25 =   75     26 =   76     27 =   77     28 =   78     29 -   79     30 =   80     31 =   81     32     82     33     83     34     84     35     85     36     86     37     87     38     89     40     90     41     91     42     92     43     94     45     95     46     96     47     98     49     99	<u></u>		=	_	<u> </u>	_			L.		Ш			66	L
19 =   69     20 =   70     21 =   71     22 =   72     23 =   73     24 =   74     25 =   75     26 =   76     27 =   77     28 =   78     29 -   79     30 =   80     31 =   81     32     82     33     84     35     85     36     86     37     88     39     89     40     90     41     91     42     92     43     94     45     95     46     96     47     98     49     99			=	匚	匚	_		<u> </u>	L_		Ш				L
20 =   70     21 =   71     22 =   72     23 =   73     24 =   74     25 =   75     26 =   76     27 =   77     28 =   78     29 -   79     30 =   80     31 =   81     32     82     33     84     35     85     36     86     37     88     39     89     40     90     41     91     42     92     43     94     45     95     46     96     47     98     49     99			=	_		L		_	_		Ш			68	L
21 =   71     22 =   72     23 =   73     24 =   74     25 =   75     26 =   76     27 =   77     28 =   79     30 =   80     31 =   81     32     82     33     84     35     85     36     86     37     87     38     88     39     90     41     91     42     92     43     94     45     96     47     98     49     99			=		_			<u> </u>			Щ			69	
22 =   72     23 =   73     24 =   74     25 =   75     26 =   76     27 =   77     28 =   78     29   79     30 =   80     31 =   81     32     83     33     84     35     85     36     86     37     87     38     88     39     90     41     91     42     92     43     94     45     96     47     97     48     99     49     99		20	=	_		L	<u> </u>	_	L		Ш				L
23 = 73   24 = 74   25 = 75   26 = 76   27 = 77   28 = 78   29 79   30 = 80   31 = 81   32   82   33   84   35   85   36   86   37   87   38   88   39   90   41   91   42   92   43   94   45   96   47   97   48   98   49   99		21	=	_	L	L	L	L	<u> </u>		Ш				L
24 =   74     25 =   75     26 =   76     27 =   77     28 =   78     29   79     30 =   80     31 =   81     32     82     33     84     35     85     36     86     37     88     39     89     40     90     41     91     42     92     43     94     45     96     47     98     49     99	L	22	=	_	<u>_</u>	<u> </u>	_	_	_		Ш		ļ		L
25 = 75   26 = 76   27 = 77   28 = 78   29 79   30 = 80   31 = 81   32   82   33   83   34   84   35   85   36   86   37   87   38   88   39   90   41   91   42   92   43   94   45   96   47   98   49   99			+	_	L		<u> </u>	_			Щ				_
26 =   76     27 =   77     28 =   78     29   79     30 =   80     31 =   81     32     82     33     84     35     85     36     86     37     88     38     88     39     90     41     91     42     92     43     94     45     95     46     96     47     98     49     99		24	+	_	$\vdash$		<u> </u>	<u> </u>		_			ļ		<u> </u>
27 =   77     28 =   78     29   79     30 =   80     31 =   81     32     82     33     83     34     84     35     85     36     86     37     88     39     89     40     90     41     91     42     92     43     94     45     95     46     96     47     98     49     99		25	-	<u> </u>	<u> </u>	<u> </u>	<u> </u>	_	_						L
28 = 78   29 80   30 = 80   31 = 81   32   82   33   83   34   84   35   85   36   86   37   87   38   88   39   90   41   91   42   92   43   94   45   96   47   98   49   99			├	<u> </u>	┡	<u> </u>		⊢		_	$\vdash$				<u> </u>
29 79   30 = 80   31 = 81   32   82   33   83   34   84   35   85   36   86   37   86   38   87   38   89   40   90   41   91   42   92   43   93   44   94   45   95   46   96   47   98   49   99			+-	<u> </u> _	_	<del> </del>	ļ	<u> </u>	_	_	Н				-
30 = 80   31 = 81   32   82   33   83   34   84   35   85   36   86   37   88   38   87   38   89   40   90   41   91   42   92   43   94   45   95   46   96   47   98   48   99   49   99			=	ļ	<u> </u>	<u> </u>	⊢	<u> </u>		<u> </u>	-		├─		┝
31 = 81   32   82   33   83   34   84   35   85   36   86   37   87   38   87   38   89   40   90   41   91   42   92   43   93   44   94   45   96   47   98   49   99			$\vdash$	Γ_	├	<u> </u>	<u> </u>	_		<u> </u>	H	i			┞
32 82   33 83   34 84   35 85   36 86   37 88   38 87   38 89   40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 98   49 99		30	-	_	▙		<u> </u>	<u> </u>	_	_	Н				⊢
33 83   34 84   35 85   36 86   37 88   39 89   40 90   41 91   42 92   43 93   44 94   45 96   47 98   49 99	<u> </u>		┞═	⊢	<del> </del>	├	-	-	<u> </u>	_	Н		-		├-
34 84   35 85   36 86   37 87   38 88   39 90   41 91   42 92   43 93   44 94   45 95   46 96   47 98   49 99			┝	├	⊢	-	⊢	$\vdash$	-	H	Н				┢
35 85   36 86   37 87   38 88   39 90   40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99	-	33	-	├	$\vdash$	⊢	-	⊢		-	Н		-		┝
36 86   37 87   38 88   39 90   40 91   41 91   42 92   43 93   44 94   45 95   46 96   47 98   48 98   49 99			-	⊢	$\vdash$	┢	-	⊢	-	-	$\vdash$				┢
37 87   38 88   39 90   40 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99			┼╌	⊢	$\vdash$	-	┝	╁		⊢	-				┢
38 88   39 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99	$\vdash$		-	┢	┝	⊢	⊢	├	┝	-	Н		┝		┢
39 89   40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99	-		⊢	-	-	⊢	┢	├	$\vdash$		-				╁
40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99	<u> </u>	30	├	<del>                                     </del>	┢	┢	$\vdash$	<del> </del>	┢	-	$\vdash$				┢
41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99			-	$\vdash$	$\vdash$	$\vdash$	├-	一	$\vdash$		$\vdash$				┢
42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 99	$\vdash$		$\vdash$	$\vdash$	╁	$\vdash$	-			$\vdash$			<b></b>		T
43 93   44 94   45 95   46 96   47 97   48 98   49 99			<del>                                     </del>	┢	$\vdash$	i	t	t	H	1	Т				H
44 94   45 95   46 96   47 97   48 98   49 99			t			┪	T	┢		Г	T				T
45 95 96 96 47 97 48 98 99 99			$\vdash$	1	T	H				_	П		<b></b>		T
46 96 97 48 98 99			T	T	1	<u> </u>	t	T		$\vdash$	П				Τ
47 97 98 98 99 99			$t^{-}$	$\vdash$	T	t	t	T		1	П				$\vdash$
48 98 99 99			Т	1	T	T	Π			Т	Т	ĺ			Τ
49 99												l			
50 100		49												99	
		50												100	

Cla	im					ate	;			
		I								
<u>_</u>	Original									
Final	įġ	- 1								
"	ΙŏΙ									
		_	_		_			_	$\dashv$	_
	51 52		_							
	52									
	53									
	53 54 55									
	55									
	56	$\neg$								
	56 57	$\neg$	-	-		$\dashv$		_	$\vdash$	
-	58 59	$\dashv$	-	-	_				-	_
	50				_	-	_	_	-	
-	29	$\dashv$	_	_	_	-		_		-
	60	$\dashv$	_	_		_	_	_	-	
	61	_						_		
L	62									
	62 63									
	64 65									
	65									
	66									
	66 67			_						
	68	$\neg$				_			_	
	69	$\dashv$	_	_	-		_		_	_
-	70			_	_	_	_			
-	70 71	$\dashv$		_	_	_	-			-
-	72			-					_	
-	72 73 74		_	_	_	H	_	_	_	
-	73	Н	_		$\vdash$	-			H	
	74	-	_		<u> </u>	_	_		⊢	-
<u> </u>	75			_	$\vdash$	$\vdash$	_		$\vdash$	
-	76 77	Щ				_	_			_
<u> </u>	77				Ь.	_				
L-	78 79		_		_				L	_
<u> </u>	79								_	
	80									
	81									
	82									
	81 82 83			Ī						
	84									
	85								Γ	
	86		-							
	87						_			
	88			_						
	89			<u> </u>		$\vdash$	$\vdash$	$\vdash$		
<b>-</b>	89 90	-				<del>                                     </del>	$\vdash$	_	$\vdash$	Т
	91		-	Н	-			$\vdash$		$\vdash$
	92	-	-	┢	$\vdash$	$\vdash$	$\vdash$	$\vdash$	-	H
	93	$\vdash$	-	┢	<del>                                     </del>	<u> </u>	$\vdash$	$\vdash$		
<b> </b>	94	$\vdash$	-	$\vdash$		$\vdash$	$\vdash$	$\vdash$	$\vdash$	<del>                                     </del>
<u> </u>	95	$\vdash$		$\vdash$	-	<del>                                     </del>	$\vdash$	$\vdash$	$\vdash$	-
$\vdash$	96	-	<del> </del>	$\vdash$	-	$\vdash$	$\vdash$	$\vdash$	$\vdash$	╁─
$\vdash$	97		⊢	-	$\vdash$	$\vdash$	$\vdash$	$\vdash$	-	<del> </del>
<b>-</b>	98		$\vdash$	$\vdash$	$\vdash$	$\vdash$	├	-	-	$\vdash$
<b>—</b>	99	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	├—	$\vdash$
<del> </del>	100	H	$\vdash$	$\vdash$	$\vdash$	├─	$\vdash$	<del> </del>	$\vdash$	$\vdash$
L	LIVU			L	1			L	1	L

	aim	Date									
Oi.		-	_	_		Jak				$\dashv$	
Final	Original										
	101 102										
	102										
	103		_			Щ				$\dashv$	
	104 105									-	
	105	_	_			-	_	_	-		
<del> </del>	107		-				-	_		$\dashv$	
	108				_			-		$\dashv$	
	109										
	110										
	111										
	112 113									Щ	
<u> </u>	113	L		<u> </u>		<u> </u>		_	_	Щ	
	114	_	<b> </b>	L	_	<u> </u>	-	_		Н	
	115 116	-	-	H	_	$\vdash$	_	_	_	Н	
	117		⊢		_	H	_		-	Н	
	118	$\vdash$		H	_	H	-		H	Н	
	119	$\vdash$	-	<del>                                     </del>	_	$\vdash$		_	$\vdash$	т	
	120			T	_			-		П	
	120 121 122										
	122										
	123 124		<u>_</u>			_				Щ	
	124	ļ	<u> </u>	<u> </u>		<u> </u>	_		<u> </u>	Ш	
	125	-	$\vdash$	├	_	-	_	_	⊢	Н	
$\vdash$	126 127 128		-	┝	-	├─	_	$\vdash$	⊢	$\vdash$	
	128	-	├	-	$\vdash$	$\vdash$	-	-	<del>                                     </del>	H	
_	129			$\vdash$		<del> </del>	┢	┢	┢		
	129 130	$\vdash$	$\vdash$					-	Г		
Ī	131										
	132 133										
	133	_			_	_		_	_	Ш	
	134	<u> </u>	_	<b> </b>	_	<u> </u>			<u> </u>	_	
-	135 136	-	-	-	<u> </u>	<del> </del>			_	$\vdash$	
-	130	-	⊢	-	_	⊢	├	-	$\vdash$	$\vdash$	
<del> </del>	137 138	-	-	┝			-			$\vdash$	
	139		H	$\vdash$	-	$\vdash$	<del> </del>			H	
	140		T		Г	$\vdash$		-			
	141										
	142										
	143	<u> </u>	_	$ldsymbol{f eta}$	<u> </u>	_	<u> </u>	_	<u>L</u>		
	144			<u> </u>	_	_	<u> </u>	L	L	<u> </u>	
<b> </b>	145	-	-	-	-	-	-		H		
$\vdash$	146 147	-	$\vdash$	$\vdash$	-		$\vdash$	$\vdash$	-	-	
<u> </u>	148	+	-	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	-	$\vdash$	
	149		$\vdash$	$\vdash$							
	150										